

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

ELY et al.

Atty. Ref.: 1179-56

Serial No. 10/506.884

TC/A.U.: 2856

Filed: September 7, 2004

Examiner:

For: POSITION SENSOR

August 25, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Attention is directed to the attached PCT International Search Report for this application and each non-US patent reference cited therein -- together with a UK Examination Report for a counterpart of this application and a copy of each newly cited non-US patent document cited therein. In addition, non-US patent references cited in other related applications (08/737,505; 09/220,354; 09/424,706; 09/529,387; 09/627,423; 09/754,218; 10/108,266; 10/478,354; 10/516,265; 10/796,164; and 10/896,917) are also attached together with a PTO-1449.

Official consideration and citation of each such reference is requested.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

atry S. Nixon

LSN:vc

901 North Glebe Road, 11th Floor Arlington, VA 22203-1808 Telephone: (703) 816-4000

Facsimile: (703) 816-4100

INFORMA	ATION DISCLOSURE	1179-56	6	10/506,884	<u> </u>		
E (Yes	CITATION eral sheets if necessary)	David E	ily, et al.				
607		Filing Date		TC/A.U.			_
2 5 2005	4	March 2	2 2005	Unknown			
132	5	Marchiz	, 2000	Omano			
	/	U.S	S. PATENT DOCUMENTS				_
AMBER S				CLASS	SUBCLASS	FILING	DAT
NITIAL I/AB/I	DOCUMENT NUMBER 2,145,742	01/1939	NAME Wechsung	CLASS	T	IF APPRO	PHI
	2,867,783	01/1959	Childs		 		_
+	2,942,212	06/1960	Mynall	- - - - - - - - - -		 	_
-+	3,219,956	11/1965	Newell, et al.				_
	3,297,940	01/1967	Mulligan, et al.		<u> </u>		_
	3,482,242	12/1969	Hargrove				_
	3,647,963	03/1972	Bailey		-		
	3,772,587	11/1973	Ferrand, et al.				
	3,812,481	05/1974	Stednitz				
\dashv	3,851,242	11/1974	Ellis				
\dashv	3,873,770	03/1975	Ioannou				
	3,895,356	07/1975	Kraus				
	3,898,635	08/1975	Kulterman				
	3,906,436	09/1975	Kurauchi, et al.				_
	3,962,663	06/1976	Visser				$\overline{}$
	4,005,396	01/1977	Fujiwara, et al.				$\overline{}$
	4,014,015	03/1977	Gundlach				_
	4,065,850	01/1978	Burr, et al.		L.		
	4,081,603	03/1978	Davis, et al.				
		FOREIG	ON PATENT DOCUMENTS			TRANSL	ATU
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	N
_	63-211014 A	09/1988	Japan	N.	T	ABSTRACT ONLY	
	02-248816	10/1990	Japan		+	ABSTRACT ONLY	_
	287267	01/1996	Taiwan	-+-	+	UNLI	_
	347542	11/1998	Taiwan	- \		1	_
_ -	0159191 A2	10/1985	Europe		/		_
	0139191 A2 0182085 A3	05/1986	Europe		+	+	
					+	+	
	0182085 A2	05/1986	Europe		+	ABSTRACT ONLY	
	0209513 A1	06/1986	Europe			ONLY	
	OTHER DOCU	JMENTS (inclu	iding Author, Title, Date, Perti	nent pages, e	IC.)	TL.:L. 77	7/2
		OF JAPAN, Vo	ol. 010, No. 009, (P-420), 14 Januar	ry 1986 & JP 60) 165512 A (i osniba K	.r.),
	August 1985	Data Eivas CL-G	Angle", ELECTRICAL DESIGN	NEWS Vol 16	No. 12 15	June 1971	D.9
*	53-56. XP002045871	Data Pixes Shart	Aligie , ELECTRICAL DESIGN	11L#3, VOI. 10	, 110. 12, 13.	, 17/1	, pa
	55 50. AI 002045071						
F							

10/506,884

INFORMATION DISCLOSURE CITATION

1179-56 Applicant

(Use several sheets if necessary)

/AB/

David Ely, et al. March 22, 2005

Filing Date

TC/A.U. Unknown

			U.S. PATENT DOCUMENTS				
XAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING	DATE
INITIAL,	4,092,852	06/1978	Fowler, et al.	1	I	11 211110	1111/2
	4.094.572	06/1978	Burr, et al.				
	4,097,684	06/1978	Burr	-			
	4,150,352	04/1979	Pomella, et al.	—			
	4,156,192	05/1979	Schedrovitsky, et al.	1			
	4,210,775	07/1980	Rodgers, et al.	 			
	4,223,300	09/1980	Wiklund	 			
	4,255,617	03/1981	Carau, Sr., et al.	 -	1		
	4,341,385	07/1982	Doyle, et al.				
	4,358,723	11/1982	Scholl, et al.				
	4,387,509	06/1983	Dechelette				
	4,423,286	12/1983	Bergeron		,		
	4,425,511	01/1984	Borsh				
	4,482,784	11/1984	Whetstone				
	4,504,832	03/1985	Conte				
	4,507,638	03/1985	Brosh				
	4,532,376	07/1985	Rockwell			_	$\overline{}$
	4,577,057	03/1986	Blesser				1
	4,577,058	03/1986	Collins				1
		FOF	EIGN PATENT DOCUMENTS				
						TRANS	LATIO
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	0218745	04/1987	Europe			1	
	0313046	04/1989	Europe				
	0537458	04/1993	Europe				
	0552001 A1	07/1993	Europe				
	0554900	08/1993	Europe			ABSTRACT ONLY	
	0607694 A1	07/1994	Europe			1	
	0657917 A1	06/1995	Europe				
	0675581 A1	10/1995	Europe		_	-/	
		IMENTS (in	cluding Author, Title, Date, Pertinent	nades e	tc)		
$\overline{}$	DATENT ARSTRACTS	OF IAPAN	, Vol. 15, No. 37, (P-1159), 29 January 1991	& IP 02 2	75314 A (O	MRON T	ATE
'	ELECTRON CO), 9 No			C 31 02 1	.,,,,,,,,		
			, Vol. 10, No. 32 (E-379), 7 February 1986 &	& JP 60 18	9231 A (MA	TSUSHI	ГΑ
				**			
	DENKI SANGYO KK)	, 20 Septemb					

*Examiner	/Aditya Bhat/	Date Considered	03/31/2008

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

1179-56

Serial No. 10/506,884

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Applicant David Ely, et al.

Filing Date

TC/A.U. March 22, 2005 Unknown

CAMBRE NAME NAME CLASS SUBCLASS FALING DATE NAME					U.S. PATENT DOCUMENTS				
4,692,776 0971986 Murakami, et al. 4,642,321 0271987 Schoenberg, et al. 4,642,321 0271987 Schoenberg, et al. 4,672,154 0671987 Rodgers et al.		IAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR	DATE
4,642,321 02/1987 Schoenberg, et al. 4,672,154 06/1987 Rodgers et al. 4,686,501 68/1987 Rodgers et al. 4,686,501 68/1987 Sing, et al. 4,693,778 09/1987 Swiggett, et al. 4,693,778 09/1987 Swiggett, et al. 4,697,050 09/1987 Farel, et al. 4,697,144 09/1987 Howbrook 4,697,144 09/1987 Murakami, et al. 4,704,501 11/1987 Taguchi, et al. 4,709,209 11/1987 Swiggett, et al. 4,711,026 12/1987 Swiggett, et al. 4,711,027 12/1987 Swiggett, et al. 4,711,977 12/1987 Miyamori, et al. 4,734,646 02/1988 Saito, et al. 4,734,646 03/1988 Landmeier 4,737,698 04/1988 McMullin, et al. 4,748,295 05/1988 Rogers 4,752,655 06/1988 Tajiri, et al. 4,786,765 11/1988 Yamanami, et al. 4,786,765 11/1988 Yamanami, et al. FOREIGN PATENT DOCUMENTS TRANSLATION DCCUMENT DATE COUNTRY CLASS SUBCLASS YES NO 0680009 11/1995 Europe 0716390 06/1996 Europe 0716390 06/1996 Europe 0714598 11/1996 Eu		/AB	4,593,245			1			
4,672,154			4,609,776	09/1986	Murakami, et al.				
4,686,501									
4,693,778 09/1987 Swiggett, et al. 4,697.050 09/1987 Farel, et al. 4,697.050 09/1987 Farel, et al. 4,697.244 09/1987 Howbrook 4,697.244 09/1987 Murakami, et al. 4,709.209 11/1987 Taguchi, et al. 4,710.26 12/1987 Swiggett, et al. 4,711.026 12/1987 Swiggett, et al. 4,711.026 12/1987 Myamori, et al. 4,711.026 12/1987 Myamori, et al. 4,713.446 03/1988 Saito, et al. 4,733.446 03/1988 Saito, et al. 4,734.640 30/1988 Saito, et al. 4,734.950 05/1988 McMullin, et al. 4,734.950 05/1988 Rogers 4,752.655 06/1988 Tajiri, et al. 4,786,765 11/1988 Yamanami, et al. FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLASS VES NO 06/80009 A2 11/1995 Europe 06/80009 11/1995 Europe 07/16/390 06/1996			4,672,154						
4,697,050 09/1987 Farel, et al.			4,686,501	08/1987	Sing, et al.				
4,697,144 09/1987 Howbrook			4,693,778	09/1987	Swiggett, et al.		\		
4,697,244 09/1987 Murakami, et al.	\neg		4,697,050	09/1987	Farel, et al.		1		
4,704,501 11/1987 Taguchi, et al.			4,697,144	09/1987	Howbrook				
4,709,209 11/1987 Murakami, et al.			4,697,244	09/1987	Murakami, et al.				
A711,026 12/1987 Swiggett, et al.			4,704,501	11/1987	Taguchi, et al.				
4,711,977 12/1987 Miyamori, et al.			4,709,209	11/1987	Murakami, et al.				
4,723,446 02/1988 Saito, et al.			4,711,026	12/1987	Swiggett, et al.				
4,734,546 03/1988 Landmeier			4,711,977	12/1987	Miyamori, et al.				
4,737,698	\neg		4,723,446	02/1988	Saito, et al.				
4,748,295 0,5/1988 Rogers			4,734,546	03/1988	Landmeier				
4,752,655 06/1988 Tajiri, et al.	\neg		4,737,698	04/1988	McMullin, et al.				
4,786,765			4,748,295	05/1988	Rogers				
DOCUMENT DATE COUNTRY CLASS SUBCLASS VES NO			4,752,655	06/1988	Tajiri, et al.				
DOCUMENT DATE COUNTRY CLASS SUBCLASS VES NO			4,786,765	11/1988	Yamanami, et al.				
DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO	\neg			FOF	REIGN PATENT DOCUMENTS		•		1
O680009 A2	\neg							TRANS	LATION
0680009 11/1995 Europe						CLASS	SUBCLASS	YES	NO
0709648 A2 05/1996 Europe			0680009 A2	11/1995	Europe			1	
0716390			0680009	11/1995	Europe				
0743508 11/1996 Europe			0709648 A2	05/1996	Europe				
0772149 05/1997 Europe	\neg		0716390	06/1996	Europe				
92/12401 07/1992 WIPO 94/25829 11/1994 WIPO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)	\neg		0743508	11/1996	Europe				
92/12401 07/1992 WIPO 94/25829 11/1994 WIPO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)	_		0772149	05/1997	Europe			1	
94/25829 11/1994 WIPO OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)	\neg			07/1992			-	1	
	-	\vdash					-	1	
	\neg	М	OTHER DOCI	IMENTS (i	ncluding Author Title Date Pertinent	pages, e	tc.)		
Pulle et al., "A New Magnetoresistive Based Sensor for Switched Reluctance Drives", PROCEEDINGS OF THE	\neg	-						OF THE	
ANUAL POWER ELECTRONICS SPECIALISTS CONFERENCE (PECS), Toledo, June 29 – July 3, 1992, Vol. 2,	١,		ANNUAL POWER EL	ECTRONIC:	S SPECIALISTS CONFERENCE (PECS). T	oledo, Jun	c 29 – July 3	, 1992, V	ol. 2,
No. CONF, 23, 29 June 1992, pages 839-843, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS									
Search Report for UK Application No. GB0416614.6 dated 10/22/04									
Search Report for PCT Application No. PCT/GB 99/03989 (published as WO 00/33244 A3) dated 8/23/00	_	7	Search Report for PCT	Application I	No. PCT/GB 99/03989 (published as WO 00	33244 A3) dated 8/23/	00	
Search Report for PCT Application No. PCT/GB 03/02432 (published as WO 2003/105072 A3) dated 5/11/04	-4	r	Search Report for PCT	Application I	No. PCT/GB 03/02432 (published as WO 20	03/105072	A3) dated 5	/11/04	

	/Aditya Bhat/		03/31/2008
*Examiner	<u> </u>	Date Considered	

Examiner. Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION

1179-56 Applicant

10/506,884

Serial No.

(Use several sheets if necessary)

David Ely, et al. March 22, 2005

Filing Date

TC/A.U. Unknown

AMINER			U.S. PATENT DOCUMENTS			FILING	DAT
NITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPRO	OPRI
/AE/	4,820,961	04/1989	McMullin			_	
	4,821,002	04/1989	Luly				
\neg	4,848,496	07/1989	Murakami, et al.				
	4,868,443	09/1989	Rossi				
	4,878,553 B1	09/1997	Yamanami, et al.				
	4,878,553	11/1989	Yamanami, et al.				
	4,891,590	01/1990	Hammel, et al.				
	4,893,077	01/1990	Auchterlonie				
$\neg \top$	4,902,858	02/1990	Yamanami, et al.				
	4,963,703	10/1990	Phillips				
	4,975,546	12/1990	Craig				
	4,985,691	01/1991	Pulyer, et al.				
	4,988,837	01/1991	Murakami, et al.				
	4,999,461	03/1991	Murakami, et al.				
\neg	5,004,872	04/1991	Lasley				
	5,013,047	05/1991	Schwab				
П	5,023,408	06/1991	Murakami, et al.			,	
	5,028,745	07/1991	Yamanami, et al.				_
	5,041,785	08/1991	Bogaerts, et al.				
		FOF	REIGN PATENT DOCUMENTS				
\neg						TRANS	LATI
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	N
\top	95/31696	11/1995	WIPO				Г
	96/03188 A1	02/1996	WIPO				П
	97/14935	04/1997	WIPO				П
-	98/00921	01/1998	PCT	_			\vdash
\dashv	98/54545	12/1998	WIPO		-		-
\dashv	98/58237 A	12/1998	WIPO			1	\vdash
	99/34171	00/1999	WIPO	-	 		_
	00/33244 A	06/2000	WIPO				\vdash
\dashv			ncluding Author, Title, Date, Pertiner	t pages e	tc)	L	_
\dashv			to Digital Converters in Linear Control Sy			Vol. 10	No
	12. November 1975-De			sicins , AUI	OMATION,	+01. 10,	110.
W			, No. 1, 9 January 1975, pages 5-6, Gordo	n. "Digital x	v Position Inc	dicator U	sing
•	Walsh Functions"	DAG, 701. 11	, 110. 1, 2 Januar , 12/3, pages 3-0, Gordo	, 2.61tui A	,		
	-1						_

*Examiner	/A	ditya Bhat/	Date Considered	03/31/2008	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Filing Date

1179-56

10/506.884

Unknown

Serial No.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Applicant David Ely, et al.

TC/A.U.

March 22, 2005 U.S. PATENT DOCUMENTS FILING DATE *EXAMINER SUBCLASS IF APPROPRIATE NAME CLASS DOCUMENT NUMBER DATE 5,045,645 09/1991 Hoendervoogt, et al. 5.059.180 10/1991 McLees Zalenski 5,066,833 11/1991 5.082.286 01/1992 Ryan, et al. 5.088.928 02/1992 Chan 5,129,654 07/1992 Bogner 5,134,689 07/1992 Murakami, et al. 5 136 125 08/1992 Russell 5,177,389 01/1993 Schalk 02/1993 Rvan 5,188,368 5,206,785 04/1993 Hukashima 5.218,174 06/1993 Gray, et al. 5,225,637 07/1993 Rodgers, et al. 5.239.489 08/1993 Russell 5.247.137 09/1993 Epperson 5,247,138 09/1993 Landmeier 5.342.136 08/1994 Fukami 5,349,139 09/1994 Verrier, et al. 5,357,062 10/1994 Rockwell, et al. FOREIGN PATENT DOCUMENTS TRANSI ATION DOCUMENT DATE COUNTRY CLASS SUBCLASS YES NO 10/1960 Great Britain 851543 08/1968 Great Britain 1452132 10/1976 Great Britain 07/1979 United Kingdom 2012431 A 11/1979 Great Britain 2021273 A 2042183 A 09/1980 Great Britain Great Britain 2059593 A 04/1981 2064125 A Great Britain 06/1981 OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

/Aditva Bhat/ 03/31/2008 Date Considered *Examiner

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Sheet 6 of 9 EFS-Web Receipt date: 08/25/2000 Socket No.

1179-56

Applicant

10/506,884

INFORMATION DISCLOSURE CITATION

David Ely, et al.

TC/A.U.

(Use several sheets if necessary)

Filing Date

Serial No.

		Marc	h 22, 2005		Unknown	1_			
			U.S. PATENT	DOCUMENTS					
EXAMINER		-				_		FILING	G DATI
INITIAL	DOCUMENT NUMBER	DATE		NAME	CLAS	SS	SUBCLAS	S IF APPR	OPRIA
/AB/	5,369,227	11/1994		Stone		_			
	5,381,091	01/1995	K	obayashi, et al.		_		-	
	5,406,155	04/1995		Persson		\vdash			
	5,434,372	07/1995		Lin		\setminus			
	5,461,204	10/1995		fakinwa, et al.		_\			
	5,486,731	01/1996		Masaki, it al.		_			
	5,525,981	06/1996		Abernethy		_			
	5,554,827	09/1996		Oda		_			
	5,557,076	09/1996	W	ieczorek, et al.		_			
	5,571,997	11/1996		Gray, et al.		_			
	5,600,105	02/1997	F	ukuzaki, et al.				\	
	5,619,431	04/1997		Oda				1	
	5,625,239	04/1997	1	Persson, et al.				\perp	
	5,635,683	06/1997	M	Dermott, et al.					
	5,646,496	07/1997		oodland, et al.				\perp	
	5,657,011	08/1997	ŀ	Comatsu, et al.					_
	5,691,513	11/1997	Y	amamoto, et al.					
	5,691,748	11/1997		Fukuzaki					-
	5,693,913 A	12/1997		Sudo, et al.					
	DOCUMENT	DATE		COUNTRY	CLAS	ss	SUBCLAS	S YES	N
	2074736 A	11/1981		Great Britain					
	1604824	12/1981		Great Britain					
	2103943 A	03/1983		Great Britain					
	2141235 A	12/1984		Great Britain	1				
	1325017	04/1963		France					
	2298082	08/1976		France				1	\top
1,	2682760	04/1993		France			1	ABSTRACT	T
\forall	1134848	08/1962		Germany		\neg	1	ABSTRACT	†
			cluding Auth	or, Title, Date, P	ertinent pages	, et	c.)	s one	
				-					
			Name and Address of the Owner, where the Owner, which is the Owner, which is the Owner, where the Owner, which is the Owner,						
			.1991						
						-	-		
		Di			T 62:2	4 10 1			
xaminer	/A	ditya Bhat/		Date Consider	ed 03/3	1/20		at considerat	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Serial No.

INFORMATION DISCLOSURE CITATION

1179-56 Applicant

10/506,884

(Use several sheets if necessary)

David Ely, et al.

Filing Date

TC/A.U. the term account

		March 2	2, 2005	Unknown			
		U.S	PATENT DOCUMENTS				
XAMINER				01.400	011001 400	FILING	DATE
INITIAL PAB	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPRO	PRIA
17,107	5,693,993	12/1997	Ito, et al.				
-	5,748,110	05/1998	Sekizawa	\longrightarrow	1		
1	5,783,940	07/1998	Kolomeitsev				
	5,815,091	09/1998	Dames		\		
	5,818,091	10/1998	Lee, et al.				
1	5,818,431	10/1998	Oh, et al.		-		
	5,826,473	10/1998	Saka, et al.				
	5,854,449	12/1998	Adkins				
	5,864,098	01/1999	Shinohe		<u> </u>		
	5,866,847	02/1999	Saka, et al.		V		
	5,895,895	04/1999	Ono, et al.			\	
	5,914,735	06/1999	Yamamoto, et al.				
	6,005,555	12/1999	Katsurahira, et al.			_	
	6,124,708	09/2000	Dames			_	
	6,236,199 B1	05/2001	Irle, et al.		-		_
	6,239,789	05/2001	Sekizawa, eet al.				_
	6,249,135 B1	06/2001	Maruyama, et al.				\rightarrow
\bot	6,249,234	06/2001	Ely, et al.		L		
	6,249,234 B1	06/2001	Ely, et al.		L		
1		FOREIG	IN PATENT DOCUMENTS				
						TRANS	OITA
l l	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NC
+		07/1986	Germany			ABSTRACT :	
	3500121	07/1986	Germany			ONLY	
	3500121 3620412	12/1987	Germany			ONLY ABSTRACT ONLY ABSTRACT	_
\bigvee	3500121					ONLY ABSTRACT ONLY	
\bigvee	3500121 3620412	12/1987	Germany			ONLY ABSTRACT ONLY ABSTRACT	
\bigvee	3500121 3620412	12/1987	Germany			ONLY ABSTRACT ONLY ABSTRACT	
V	3500121 3620412	12/1987	Germany			ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412	12/1987	Germany			ONLY ABSTRACT ONLY ABSTRACT	
V	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan			ONLY ABSTRACT ONLY ABSTRACT	
V	3500121 3620412 406051905A	12/1987 02/1994	Germany	ertinent pages, e	itc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan Japan ding Author, Title, Date, Pe	ertinent pages, e	tc.)	ONLY ABSTRACT ONLY ABSTRACT	
xaminer	3500121 3620412 406051905A	12/1987 02/1994	Germany Japan Japan ding Author, Title, Date, Pe		tc.)	ONLY ABSTRACT ONLY ABSTRACT	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

1179-56

Serial No. 10/506,884

INFORMATION DISCLOSURE CITATION

Applicant David Ely, et al.

TC/A.U.

(Use several sheets if necessary)

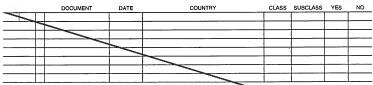
Filing Date March 22, 2005

Unknown

			U.S. PATENT DOCUMENTS			
EXAMINER INITIAL /AB/	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS IF APPRO	DATE
/A(6/	6,249,235	06/2001	Iwasaki	1		
	6,255,810 B1	07/2001	Irle, et al.			
	6,262,684	07/2001	Stewart, et al.			
	6,288,710	09/2001	Lee, et al.			
	6,304,014	10/2001	England, et al.			
	6,304,076 B1	10/2001	Madni, et al.			
	6,489,899	12/2002	Ely, et al.			
	6,522,128	02/2003	Ely, et al.			
	6,534,970	03/2003	Ely, et al.			
	6,667,740	12/2003	Ely, et al.			
	6,705,511	03/2004	Dames, et al.			
	6,788,221	09/2004	Ely, et al.			
	6,797,895	09/2004	Lapstun, et al.			
	6,798,404	09/2004	Sharma			
	6,888,538	05/2005	Ely, et al.			
	2001/001430 A1	05/2001	Ely, et al.			$\overline{}$
	2001/006369 A1	07/2001	Ely			
N/	5,751,229	05/1998	Funahashi			
	5,122,623	06/1992	Zank, et al.			1
			DEICH DATENT DOCUMENTS			

FORFIGN	PATENT	DOCUMENTS	

TRANSLATION



OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

/Aditya Bhat/ 03/31/2008 Date Considered *Examiner

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Serial No.

INFORMATION DISCLOSURE CITATION

1179-56 Applicant

10/506,884

(Use several sheets if necessary)

David Ely, et al.

March 22, 2005

Filing Date

TC/A.U. Unknown

			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO	DATI
/AB/	5,245,336	09/1993	Chen, et al.	1			
1	5,274,198	12/1993	Landmeier				
	5,943,044	08/1999	Martinelli, et al.				
1/	6,002,387	12/1999	Ronkka, et al.				
V	6,513,943	02/2003	Fukuyoshi				
-					\		
							
					-		_
							_
-		-			—		
						/	
	1					1	
				The state of the s			$\overline{\lambda}$
					The same of the sa		_
						No. of Lot, House, etc.,	
				L			The same
		FO	REIGN PATENT DOCUMENTS				
						TRANS	LATIC
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	N
The second named in	to and the same of		1-10-10-10-10-10-10-10-10-10-10-10-10-10				
	The same of the sa						
		-					
				and the Party of t			
						-	
None of the last o	OTHER DOCU	JMENTS (ncluding Author, Title, Date, Pertinent	pages, e	tc.)		-

				-	-		
						-	AND DESCRIPTION OF THE PERSON

/Aditya Bhat/ 03/31/2008 *Examiner Date Considered Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.